

Title (en)
GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES WITH FLAVONOID 3'-HYDROXYLASE ACTIVITY AND USES THEREOF

Title (de)
GENSEQUENZEN KODIEREND FÜR ENZYME DES FLAVONOID STOFFWECHSELWEGES MIT EINER FLAVONOID 3'-HYDROXYLASE AKTIVITÄT UND IHRE ANWENDUNGEN

Title (fr)
SEQUENCES GENETIQUES CODANT POUR DES ENZYMES DE LA CASCADE DES FLAVONOÏDES AYANT UNE ACTIVITÉ FLAVONOÏDE 3'-HYDROXYLASE ET LEURS UTILISATIONS.

Publication
EP 0640136 B1 20030507 (EN)

Application
EP 93906393 A 19930325

Priority

- AU 9300127 W 19930325
- AU PL153892 A 19920327
- AU PL669893 A 19930107

Abstract (en)
[origin: US5639870A] PCT No. PCT/AU93/00127 Sec. 371 Date Nov. 30, 1994 Sec. 102(e) Date Nov. 30, 1994 PCT Filed Mar. 25, 1993 PCT Pub. No. WO93/20206 PCT Pub. Date Oct. 14, 1993 The present invention relates to a nucleic acid isolate comprising a sequence of nucleotides encoding, or complementary to a sequence encoding, a flavonoid 3'-hydroxylase or a functional derivative thereof. The present invention also relates to transgenic plants carrying and/or expressing the above-mentioned nucleic acid material.

IPC 1-7
C12N 15/53; **C12N 15/82**; **C12N 9/02**; **C12Q 1/68**; **A01H 5/00**

IPC 8 full level
A01H 5/00 (2006.01); **C12N 9/02** (2006.01); **C12N 9/04** (2006.01); **C12N 15/09** (2006.01); **C12N 15/53** (2006.01); **C12N 15/82** (2006.01); **C12Q 1/68** (2006.01)

CPC (source: EP US)
C12N 9/0073 (2013.01 - EP US); **C12N 15/825** (2013.01 - EP US); **C12Q 1/6895** (2013.01 - EP US); **C12Y 114/13021** (2013.01 - EP US)

Cited by
CN112391362A

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9320206 A1 19931014; AT E239793 T1 20030515; AU 3741393 A 19931108; AU 673514 B2 19961114; CA 2132961 A1 19931014; DE 69332951 D1 20030612; DE 69332951 T2 20040226; DK 0640136 T3 20030901; EP 0640136 A1 19950301; EP 0640136 A4 19960417; EP 0640136 B1 20030507; ES 2196005 T3 20031216; JP H07505772 A 19950629; NZ 249808 A 19960925; US 5639870 A 19970617

DOCDB simple family (application)
AU 9300127 W 19930325; AT 93906393 T 19930325; AU 3741393 A 19930325; CA 2132961 A 19930325; DE 69332951 T 19930325; DK 93906393 T 19930325; EP 93906393 A 19930325; ES 93906393 T 19930325; JP 51689493 A 19930325; NZ 24980893 A 19930325; US 31307594 A 19941130